

DRILL HOLES

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ORDER REV. DATE: June 1, 2004

BY: \$USER\$NAME\$

NOTE: MD 45 US ASSUMED TO RUN  
IN A NORTH/SOUTH DIRECTION.

YORK ROAD

TO: TOWSON  
ROUNDAABOUT/ I-695

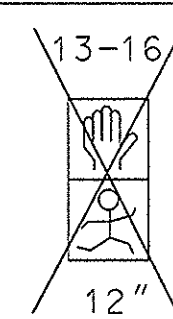
YORK ROAD

TO: BALTIMORE CITY

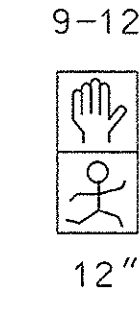
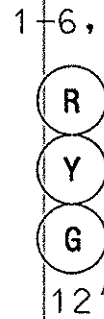
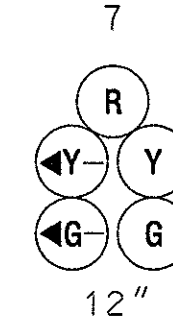
TOWSON TOWN BOULEVARD

TOWSON TOWN BOULEVARD

EXISTING SIGNALS  
TO BE REMOVED



EXISTING SIGNALS TO REMAIN



EXISTING SIGNS

17  
TOWSON BY-PASS  
D3-2  
DUAL FACED  
(VAR. x 16")

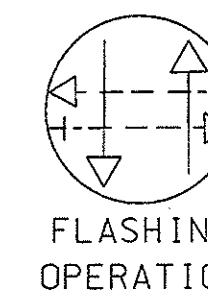
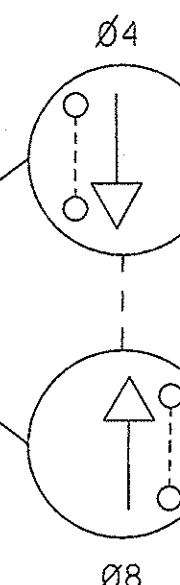
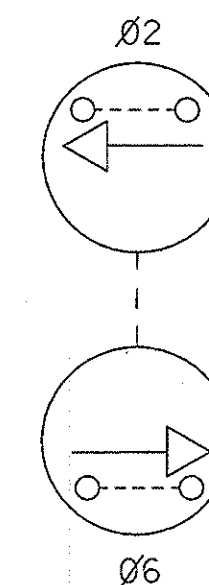
18  
Towsontown Blvd.  
D3-2  
DUAL FACED  
(VAR. x 16")

19  
LEFT TURN  
YIELD  
ON GREEN  
R10-12  
42"x36"

1 PROPOSED SIGNALS

13-16, 20, 21  
16" PEDESTRIAN  
COUNTDOWN SIGNAL  
HEAD "LED" TYPE

1 NEMA PHASING



FLASHING  
OPERATION

PHASING NOTES:  
1. PHASES ASSOCIATED BY A DASHED LINE WILL  
OPERATE CONCURRENTLY.  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT  
OPERATE CONCURRENTLY.

1 CONSTRUCTION DETAILS

- 1 A. USE EXISTING MAST ARM POLE AND THE EXISTING TRAFFIC SIGNAL HEADS. DISCONNECT THE EXISTING CABLE FOR THE SOUTH LEG PEDESTRIAN TRAFFIC SIGNAL. INSTALL PROPOSED PEDESTRIAN COUNTDOWN SIGNAL IN THE SAME LOCATION. DISCONNECT THE EXISTING CABLE FOR THE WEST LEG PEDESTRIAN TRAFFIC SIGNAL. INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL AT THE SAME LOCATION.
- B. USE EXISTING MAST ARM POLE AND THE EXISTING TRAFFIC SIGNAL HEADS. DISCONNECT THE EXISTING CABLE FOR THE NORTH LEG PEDESTRIAN TRAFFIC SIGNAL. INSTALL PROPOSED PEDESTRIAN COUNTDOWN SIGNAL IN THE SAME LOCATION.
- 1 C. USE EXISTING PEDESTAL POLE. DISCONNECT THE EXISTING CABLE FOR THE NORTH LEG PEDESTRIAN SIGNAL AND PEDESTRIAN PUSHBUTTON. INSTALL PROPOSED PEDESTRIAN COUNTDOWN SIGNAL IN THE SAME LOCATION AND INSTALL A NEW PEDESTRIAN PUSHBUTTON (PUSHBUTTON SIGN TO REMAIN). DISCONNECT THE EXISTING CABLE FOR THE WEST LEG PEDESTRIAN TRAFFIC SIGNAL. INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL AT THE SAME LOCATION.
- D. USE EXISTING LUMINAIRE POLE. DISCONNECT THE EXISTING CABLE FOR THE PUSHBUTTON. INSTALL A NEW PEDESTRIAN PUSHBUTTON (PUSHBUTTON SIGN TO REMAIN).
- E. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOPLINE.
- F. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.

GEOMETRIC LEGEND

===== EXISTING  
===== PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN  
G G GAS MAIN  
W W WATER MAIN  
S S SEWER MAIN  
E E ELECTRIC CABLES  
A A AERIAL CABLES  
T T TELEPHONE CABLES  
F F FIBER-OPTIC

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time this location was being asbuilt. The Contractor is responsible to contact "Miss Utility" prior to construction, so that all the underground utilities may be located in the field.
2. This modification shall be performed during off-peak hours: contact Ed Rodenhizer of the SHA Traffic 72 hours prior to the modification change at 410-787-7652.

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 45 (YORK ROAD) AND  
TOWSON TOWN BOULEVARD  
(TOWSON, MD)  
PLAN SHEET

SCALE 1" = 20' DATE 7/15/83 CONTRACT NO.

DESIGNED BY W.R. SMITH COUNTY BALTIMORE  
DRAWN BY LOGMILE 01.86  
CHECKED BY T.I.M.S. NO. G 721  
F.A.P. NO. TOS NO. 2095 B

DRAWING NO. OF SHEET NO. 3 OF 4

APPROVALS

TEAM LEADER  
ASST. DIV. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS

6 ADD COUNTDOWN PEDESTRIAN 3/3/05  
SIGNALS TO WEST AND EAST LEGS  
CJP SHA NO. 15825185  
A ADD WEST LEG 7/31/84  
AW  
FILE

STRUCTURE  
INVENTORY NO.

SURVEY  
BOOK NO.

PLOTTED: \$DATE\$TIME\$  
FILE: \$FILE\$

1 REDLINE REVISION - MARCH 31, 2005

INSTALL COUNTDOWN PEDESTRIAN SIGNAL INDICATIONS  
ALONG THE WEST LEG OF THE MD 45 (YORK ROAD) AND  
TOWSON TOWN BOULEVARD INTERSECTION.

BAI BRUDIS & ASSOCIATES, INC.  
CONSULTING ENGINEERS  
9220 RUNSEY ROAD, SUITE 110  
COLUMBIA, MARYLAND 21045  
410-884-3607 410-884-3609 (FAX)